# THOMAS MILLINGTON,

IMPORTER AND DEALER IN PLATE, CROWN, SHEET, ROUGH PLATE, AND COLOURED WINDOW GLASS.

**SHEET GLASS.**

This article can be supplied of any thickness, either English or Foreign; the latter we have packed in ONE, TWO, AND THREE HUNDRED FEET CASES, which is acknowledged to be FAR SUPERIOR IN QUALITY and CHEAPER in every respect: in much better adapted for CONSERVATORIES than the Rough Plate, which we consider totally unfit for the purpose, the light too essential for the growth of plants being so much obscured in dull weather.

**PLATE GLASS**

of the finest quality and colour. Estimates for large and small quantities (forwarded upon being furnished with particulars.

**ROUGH PLATE GLASS.**

Persons cannot be too particular in the selection of this article, as that forced upon the Public of uneven surface, brittle nature, and filled with fire flaws, does not alone disappoint the purchaser, but endangers the safety of those who use it and underneath it. We deal in the best only, which is

PERFECTLY FLAT, OF GOOD SUBSTANCE, AND REALLY COMBINES STRENGTH WITH ECONOMY.

82, BISHOPSGATE-STREET WITHOUT, SAME SIDE AS THE EASTERN COUNTIES RAILWAY.

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TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

# HARTLEY'S PATENT ROUGH PLATE GLASS,

One-eighth of an inch thick, weighing two pounds to the foot, for

EDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION, in the extreme south-eastern end of the building, adjoining the United States department.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, whilst any greater thickness or weight is unnecessary, leading only to additional expense, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE, one-eighth of an inch thick, or two pounds to the foot, is manufactured in sizes expressly for Edge and Furrow Roofs 60 by 18 inches, thus giving a span of 10 feet at a price not exceeding weight for weight that of common Crown Glass.

Not being transparent, blinds are unnecessary, and when used in Greenhouses no scorching occurs; its NONTRANSPARENCY and strength renders it eminently suitable for the Glazing of Conservatories and Roofs of all kinds; also Factories, Workhouses, &c., for which purposes it is supplied in squares of all sizes, from 8 by 8 inches and upwards.

For further information apply to any respectable Glass Merchant in London or the Country, or to the Manufacturers, Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is also manufactured 9-16ths and ¼ inch thick, and may be supplied at a much lower cost than the common Rough Plate.—May 1, 1851.

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THE ST. HELEN'S CROWN, SHEET, and PLATE-GLASS COMPANY, ST. HELENS, LANCASHIRE, manufacturers of all kinds of brown window Glass, patent plate, plate shades and ornamental glass; also, of chemical, scientific, and other windows, in the modern and antique styles and methods, or up to single plates of glass, which may be seen for forms, &c. to exhibited at the present Exposition.

PATENT and BRITISH PLATE GLASS.—JAMES HETLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of Prices for the above will be sent on application; they will also, on receipt of patterns, furnish Estimates for any description of Glass now manufactured.—Patent Plate, Sheet, Crown, and Ornamental Window Glass Warehouse, 35, Soho-square, London.

JOHN GIBSON, STAINED GLASS WORKS, 60, Charles-street West, Newcastle-on-Tyne, ornamental Windows from 5s. to 12s. per foot. Figures in decorated styles and cheapest at 18s. to 30s. per foot. Historical subjects at 30s. to 50s. per foot. Richly embossed Windows in Brunetta, Anglo-Norman, Early English, Decorated, Perpendicular, Grecian, and Italian styles carefully executed.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUPERFICIAL and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in readiness. Engraving and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, silvered and for staining, of unrivalled quality and finish; ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest terms. Designs and estimates furnished for ornamental windows. Either the trades or through designers. All applications for estimates and lists of prices to be made at their warehouse, 33, OXFORD-STREET.

SOHO GLASS WAREHOUSE, 26, SOHO SQUARE.—ALFRED GOULETT begs to inform Architects, Builders, and the trade generally, that he is prepared to forward contracts for the following descriptions of Glass upon application:—BRITISH PLATE, COLOURED, of the finest colours and finish; PATENT PLATE GLASS, ORNAMENTAL GLASS, of all descriptions, COLOURED GLASS, ROUGH PLATE GLASS, ¼, ⅜, ½, and ¾ inch thick; PATENT ROLLED ROUGH PLATE, ¼, ⅜ and ½ inch thick; CROWN, SHEET, and HORTICULTURAL GLASS, cut to size and glazed, or in crates, carefully packed; BELGIAN SHEET GLASS, in cases containing five feet, each case included, at 7s. 6d. per case.

PAPER-HANGINGS, the cheapest in London, at CHAPPLE'S Wholesale and Retail Warehouse, 22, Oxford-street, where Builders and the trade can select from a stock of 60,000 pieces, at the following reduced prices:—

| | |
|---|---|
| Good Bed-room Papers | 2½d. per yard. |
| Painted Marble, Granite, and Oak Papers | from 4½d. do. |
| Superior Dining and Drawing-room Papers | from 10d. do. |
| Gilding and Flock | from 8½d. do. |

PAPER-HANGINGS at E. T. ARCHER'S Manufactory for English, and Warehouse for English and French Paper-hangings, and all materials connected with the trade. The Parcelled Descriptions are fitted up on the walls of a spacious range of show-rooms, giving at one view a drawing or dining-room furnished in the new style.

LIST OF PRESENT PRICES.

| | |
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| Painted marble, granite, and oak papers | 1d. per yard. |
| Superior bed-room papers | 1d. " |
| Satin striped papers for bedrooms, drawing and dining rooms | 2d. " |
| Flock papers on granite, and grain on fresh oak | 2d. " |
| Superior drawing-room papers | 3d. " |
| Gilt gold paper | 1s. 6d. " |
| Dados and Flock | 8s. 6d. " |

18,000 feet of gilt mouldings always in stock.

E. T. ARCHER, 40, DRURY-STREET, LONDON.

January, 1, 1851.

WIRE NETTING and WINDOW BLIND MANUFACTORY. To her Majesty's, Honourable Board of Ordnance, and the Honourable East-India Company.—Wire Netting, 1d. per square foot; galvanized ditto, requiring no paint, 2d. Wire Blinds, in mahogany frames, and holes, two plate, 1s. 1½d. per foot; three ditto, in 2d. per foot; continuous, 2d. per foot; Holland, Transparent, and Window Blinds of all kinds. Old blinds repaired, repainted, and written upon. Wire work for flower gardens, garden arches, seats, photographic, aviaries, and fowl-houses of every description of pattern. Wire and nursery guards, and every article in iron and wire, at THOMAS HENRY POPE'S CITY of LONDON WIRE WORKS, IRON FENCE, and WEATHER BOARD MANUFACTORY, 44, Princes-street, and 6 and 8, Snow-hill, London. Every information, with examples or specimens and illustrated catalogue, forwarded post free. Wire wire for paper-makers, millers, chemists, and for the East and West Indies.

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CHEAP AND DURABLE ROOFING.

By Her Majesty's Royal Letters Patent.

F. McNEIL and Co., of Lamb's-buildings, Bunhill-row, London, Manufacturers and only Patentees of THE PATENT ASPHALTED FELT, FOR ROOFING HOUSES, VERANDAHS, SHEDS, &c.,

Patronized by

HER MAJESTY'S WOODS AND FORESTS,
HER MAJESTY'S COMMISSIONERS OF CUSTOMS,
HONOURABLE EAST-INDIA COMPANY,
HONOURABLE BOARD OF ORDNANCE,
HER MAJESTY'S ESTATE, ISLE OF WIGHT,
ROYAL BOTANICAL GARDENS, REGENT'S PARK,

And the most eminent members of the Royal Agricultural Societies of England, Scotland, and Ireland; at whose great national show it has been awarded, and OBTAINED THE PRIZE, for being the best and cheapest article for roofing; also used for under slates at the Royal Agricultural Society's House, in Hanover-square. Its advantages are lightness, warmth, durability, and economy, and from, and a non-conductor of heat and consequently cool in summer. The Felt can be cut to any length, by 36 inches wide. The price is ONE PENNY PER SQUARE FOOT. Samples, with full directions as to its use and the manner of applying it, with TESTIMONIALS, some of them of seven years' experience, from Architects, Builders, Noblemen, and Gentlemen, who have extensively used it, sent free to any part of the town or country. A Dry-hair Felt, for covering Boilers, &c., is also manufactured, by which a saving of about 20 per cent. in fuel is effected. The TRADE are respectfully cautioned to send their orders DIRECT to the sole mode of being supplied with the genuine article, and to longtime best suited by their roofs. They are likewise CAUTIONED AGAINST MISREPRESENTATION, as the only works in Great Britain where the above roofing is made are F. McNEIL and Co's Manufactories, LAMB'S BUILDINGS, BUNHILL-ROW. Roofs covered with the Felt to be seen at the Patentees, also the new Vice-Chancellor's Courts, the passages and offices leading to Westminster Hall, and other buildings in the Houses of Parliament.—A Liberal Discount allowed to the Trade.

ABBOTT and WRIGHT, Crown Glass Manufacturers, Needham Market, Suffolk.—Samples to be seen in the South Gallery, Crystal Palace. In Catalogues, see Class 4, No. 121. Terms, Cash only.

LAWRENCE and CO., 55, Parliament-street, Westminster, and 19, York-place, Lambeth, Manufacturers and Importers of Fire-clay, &c.—Fumes, Chimney Shafts, parts of chimney-cowls and tops, perforated zinc in sheets, 30 in. wide, 2 in. and 1 in. mesh, per foot; cast iron main pipes, 3 in., 4d. per foot; half inch tube, 3d. per ft. Windows, skylights, drawn bar, &c. &c. Stoves, ranges, boilers, &c. supplied or repaired in the best manner and made in lowest market prices.

DIXON'S INVISIBLE VENTILATOR.—This Ventilator is much neater and more simple than any other of the same order of any shape or size, and can be fixed in any part of the window. If accidentally broken, can be by any country glazier, at the cost only of a pane of glass. Patent Ventilators, and every information had, by applying to J. DIXON, PHILLIPS and Co., 118, Bishopsgate-street Without, London.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN and Co., Angel Wharf, Bartlemas, Oxford-street, near Blackfriars-bridge, have a large stock of Main Pipes, Heads, Shoes, Elbows, &c., half and O. G. Gutters, Socket Pipes for Water or Gas, Plinth Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in large or small quantities. Prices equal to all competition. Contracts taken to any extent. Goods loaded. A powerful crane.

HAIR and HAIR FELT MANUFACTORY, Bermondsey-street, Bermondsey.—Leave to inform Upholsterers, Manufacturers, and consumers of hair generally, that he has on hand a large stock of prime WINTER HAIR, suitable for plastering or foundry purposes, which will be delivered in quantities exceeding a cwt. free of expense, within the metropolitan district of London. Also, any quantity of the IMPROVED PATENT HAIR FELT, to go under sheet, or for covering boilers, steam-pipes, &c., to prevent the radiation of heat and deadening sound. In consequence of the manufacture of felt with that of hair on the same premises (thereby preventing the necessity of a middle party), he is enabled to render a considerable reduction in price. A trial order will be promptly and effectually attended to.—Prices sent on application. Contracts taken to any extent. Goods loaded. A powerful crane.

SOLE CONTRACTOR TO THE LORDS COMMISSIONERS OF THE ADMIRALTY.

DOMESTIC SANITARY MEASURES.—Houses rendered as comfortable as the best contrivance by the PATENT HERMETICALLY SEALED PAN, with its self-acting water trap valve, entirely preventing the escape of foul air or effluvia. Price 1l. Any carpenter can fix it in an hour. Sold only at PITT and CO.'s Sanitary Warehouse, 37, New Bond-street, Covent-garden, London. Sole depôt for the Patent Hermetically Sealed Incodorous Chamber Commodes, from 1l. 5s. to 3l.; also Incodorous Portable Water Closets, with Patent Hermetically Sealed Basin, and Self-acting Valve, from 3l. 10s.

ILLUSTRATED TRADE LISTS; containing information useful for reference; also unsolicited testimonies respecting a MATERIAL which, when well wrought, is superior to every other for dishes or candlesticks, for pickers, sugars, and every kind of cruets, for plated or chased dishes, for engraving and ornament, of a strong and durable nature, also many other purposes, supplied gratuitously by THOMAS PEARCE (proprietor of Pearce's Hotel), No. 4 WHARF, CITY-ROAD, LONDON, and at THE TILMERIS, TUNBRIDGE, KENT, SUFFOLK-STREET, PALL-MALL, EAST, LONDON. The low certain bottom prices are marked in figures, and are approximate cost by measure. It is reflected that letters to procure lists should state if Staffordshire or London prices are wanted, figures as at the GREAT EXHIBITION, Class 27, No. 122 (having lost at first No. 111).

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THOS. LAMBERT and SON,

PATENTEES of the Flexible Diaphragm and High-pressure Valve Cocks.

Equilibrium Ball Valves, and Self-acting Water-closets; manufacturers of Hydraulic, Gas, and Steam Fittings, Tin, Lead, and Copper.

SHORT-STREET, NEW CUT, LAMBETH, LONDON.

TO ARCHITECTS, BUILDERS, &c.

ATTENTION IS REQUESTED TO THE

DIRECT ACTION BALL TAPS, invented and patented by H. THOMPSON, C.E.

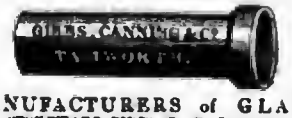
In these Taps the old-fashioned lever is done away with, whose disabling action, whilst the water was being admitted, soon wore out the cone and rendered the cock unsound.

The Direct Action Ball Taps cannot stop up or down, thereby either flooding or leaving premises with no water; a fault which all similar contrivances possess in an eminent degree.

They will fill a reservoir in less time than any other tap of similar dimensions, on account of the water-way remaining fully open until the water in the cistern is within one inch of the required level, when they shut off without the possibility of leakage.

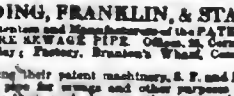
The perpendicular principle, with compensating valve inside, renders this action unerring and perfect under any pressure whatever.

Specimens can be seen in action at the office; and all necessary information, with drawings, forwarded by application to HARCOURT THOMPSON and Co., Engineers, 21, Parliament-street, Westminster.




MANUFACTURERS of GLAZED STONEWARE PIPES, Bends, Junctions, &c., also FIRE BRICKS, Vitrified Blue Bricks as used by her Majesty's Commissioners of Sewers, White Fire Clay, Facing Bricks, &c. &c. Agents.—Messrs. FREEMAN and RICHARDSON, No. 4, South Wharf, Paddington, London; Mr. W. RAWLINS, Bangor Wharf, Camden-town; and Messrs. HERTSLET and Co., Adelphi Wharf, Strand.

IMPROVED DRAINAGE. BY ROYAL LETTERS PATENT.



STANDING, FRANKLIN, & STANDING, Sole Patentees and Manufacturers of the PATENT GLAZED STONE WARE SEWAGE PIPE. Offices, 21, Cornhill, entrance in Change-alley; Factory, Brunton's Wharf, Commercial-road, Limehouse.

By employing their patent machinery, S. F. and S. are enabled to produce a pipe for sewage and other purposes in every way far superior to those made by any other process, but more especially in those positions so absolutely essential to a perfect, and cleanly mode of drainage. From the great and uniform amount of pressure, and peculiar construction of the machinery collecting the air to escape, used in manufacturing, their pipes are entirely free from air-bubbles, proving their greater strength, durability, and entirely preventing the contents percolating through; they are much smoother on the inside, insuring a perfect passage for the sewage, and preventing any deposit.

Specimens may be seen at the offices, 21, Cornhill, where prices, &c., may be obtained, and Licences granted for the use of the patent machine.